

ABSTRACT

A method for controlling a stepping motor in an optical storage system and for achieving a short seek with the stepping motor is disclosed. The optical storage system comprises a pick-up head and object lens, wherein the object lens is movably installed on the pick-up head. The method includes determining a number of steps that the stepping motor should rotate; moving the object lens toward a target track; and utilizing the stepping motor to move the pick-up head toward a target position according to the number of steps that the stepping motor should rotate.